

MICHIGAN DEPARTMENT OF COMMUNITY HEALTH
CERTIFICATE OF NEED (CON) REVIEW STANDARDS FOR
COMPUTED TOMOGRAPHY (CT) SCANNER SERVICES

(By authority conferred on the CON Commission by Section 22215 of Act No. 368 of the Public Acts of 1978, as amended, and sections 7 and 8 of Act No. 306 of the Public Acts of 1969, as amended, being sections 333.22215, 24.207 and 24.208 of the Michigan Compiled Laws.)

Section 1. Applicability

Sec. 1. (1) These standards are requirements for the approval and delivery of services for all projects approved and certificates of need issued under Part 222 of the Code which involve CT scanners.

(2) CT scanner is a covered clinical service for purposes of Part 222 of the Code.

(3) The Department shall use sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, and 16, as applicable, in applying Section 22225(1) of the Code, being Section 333.22225(1) of the Michigan Compiled Laws.

(4) The Department shall use sections 13 and 14, as applicable, in applying Section 22225(2)(c) of the Code, being Section 333.22225(2)(c) of the Michigan Compiled Laws.

Section 2. Definitions

Sec. 2. (1) For purposes of these standards:

(a) "Acquisition of a CT scanner service" means obtaining possession or control of a CT scanner service and its unit(s), whether fixed or mobile, by contract, ownership, or otherwise. For proposed projects involving mobile CT scanners this applies to the central service coordinator and/or host facility.

(b) "Billable procedure" means a CT procedure or set of procedures commonly billed as a single unit.

(c) "Body scans" include all spinal CT scans and any CT scan of an anatomical site below and including the neck.

(d) "Central service coordinator" means the organizational unit which has operational responsibility for a mobile CT scanner and which is a legal entity authorized to do business in the state of Michigan.

(e) "Certificate of Need Commission" or "Commission" means the Commission created pursuant to Section 22211 of the Code, being Section 333.22211 of the Michigan Compiled Laws.

(f) "Code" means Act No. 368 of the Public Acts of 1978, as amended, being Section 333.1101 et seq. of the Michigan Compiled Laws.

(g) "Computed tomography" or "CT" means the use of radiographic and computer techniques to produce cross-sectional images of the head or body.

(h) "CT equivalents" means the resulting number of units produced when the number of billable procedures for each category is multiplied by its respective conversion factor tabled in Section 15.

(i) "CT scanner" means x-ray CT scanning systems capable of performing CT scans of the head, other body parts, or full body patient procedures including Positron Emission Tomography (PET)/CT scanner hybrids if used for CT only procedures. The term does not include emission-computed tomographic systems utilizing internally administered single-photon gamma ray emitters, positron annihilation CT systems, magnetic resonance, ~~and~~ ultrasound computed tomographic systems AND NON-DIAGNOSTIC, INTRA-OPERATIVE GUIDANCE TOMOGRAPHIC UNITS.

(j) "CT scanner equipment," for purposes of sections 3 and 6 of these standards, means the equipment necessary to perform CT scans. It does not include any construction or renovations activities associated with the installation of the CT scanner, or service or maintenance contracts which under generally accepted accounting principles are properly chargeable as an expense of operation.

(k) "Dental CT images" means use of a CT scanner specially designed to generate CT images to facilitate dental procedures.

(l) "Dental procedures" means dental implants, wisdom teeth surgical procedures, mandibular or maxillary surgical procedures, or temporal mandibular joint evaluations.

(m) "Department" means the Michigan Department of Community Health (MDCH).

(n) "Driving time," for purposes of these standards, means the driving time in minutes as identified by use of mapping software that is verifiable by the Department.

(o) "Emergency room" means a designated area physically part of a licensed hospital and recognized by the Department as having met the staffing and equipment requirements for the treatment of emergency patients.

(p) "Expand a CT scanner service" means the addition of one or more CT scanners at an existing CT scanner service.

(q) "Head scans" include head or brain CT scans; including the maxillofacial area; the orbit, sella, or posterior fossa; or the outer, middle, or inner ear; or any other CT scan occurring above the neck.

(r) "HIPAA" means the Health Insurance Portability and Accountability Act of 1996.

(s) "Host facility" means the site at which a mobile CT scanner is located in order to provide CT scanner services.

(t) "Initiate a CT scanner service" means to begin operation of a CT scanner, whether fixed or mobile, at a site that does not perform CT scans as of the date an application is submitted to the Department. The term does not include the acquisition or relocation of an existing CT scanner service or the renewal of a lease.

(u) "Medicaid" means title XIX of the social security act, chapter 531, 49 Stat. 620, 1396r-6 and 1396r-8 to 1396v.

(v) "Metropolitan statistical area county" means a county located in a metropolitan statistical area as that term is defined under the "standards for defining metropolitan and micropolitan statistical areas" by the statistical policy office of the office of information and regulatory affairs of the United States office of management and budget, 65 F.R. p. 82238 (December 27, 2000) and as shown in Appendix A.

(w) "Micropolitan statistical area county" means a county located in a micropolitan statistical area as that term is defined under the "standards for defining metropolitan and micropolitan statistical areas" by the statistical policy office of the office of information and regulatory affairs of the United States office of management and budget, 65 F.R. p. 82238 (December 27, 2000) and as shown in Appendix A.

(x) "Mobile CT scanner service" means a CT scanner and transporting equipment operated by a central service coordinator and which must serve two or more host facilities.

(y) "Mobile CT scanner network" means the route (all host facilities) the mobile CT scanner is authorized to serve.

(z) "Relocate an existing CT scanner service" means a change in the geographic location of an existing fixed CT scanner service and its unit(s) from an existing site to a different site.

(aa) "Relocation zone," for purposes of these standards, means a site that is within a 10-mile radius of a site at which an existing fixed CT scanner service is located if an existing fixed CT scanner service is located in a metropolitan statistical area county, or a 20-mile radius if an existing fixed CT scanner service is located in a rural or micropolitan statistical area county.

(bb) "Replace/upgrade a CT scanner" means an equipment change proposed by an applicant which results in that applicant operating the same number of CT scanners before and after project completion.

(cc) "Rural county" means a county not located in a metropolitan statistical area or micropolitan statistical areas as those terms are defined under the "standards for defining metropolitan and micropolitan statistical areas" by the statistical policy office of the office of information regulatory affairs of the United States office of management and budget, 65 F.R. p. 82238 (December 27, 2000) and as shown in Appendix A.

(2) The definitions in Part 222 shall apply to these standards.

Section 3. Requirements for approval for applicants proposing to initiate a CT scanner service other than a dental CT scanner service

Sec. 3. An applicant proposing to initiate a CT scanner service shall demonstrate each of the

107 following, as applicable:

108 (1) A hospital proposing to initiate its first fixed CT scanner service shall demonstrate each of the
109 following:

110 (a) The proposed site is a hospital licensed under Part 215 of the Code.

111 (b) The hospital operates an emergency room that provides 24-hour emergency care services as
112 authorized by the local medical control authority to receive ambulance runs.

113
114 (2) An applicant, other than an applicant meeting all of the applicable requirements of subsection (1),
115 proposing to initiate a fixed CT scanner service shall project an operating level of at least 7,500 CT
116 equivalents per year for the second 12-month period after beginning operation of the CT scanner.

117
118 (3) An applicant proposing to initiate a mobile CT scanner service shall project an operating level of
119 at least 3,500 CT equivalents per year for the second 12-month period after beginning operation of the
120 CT scanner.

121
122 **Section 4. Requirements for approval for applicants proposing to initiate a dental CT scanner**
123 **service**

124
125 Sec. 4. An applicant proposing to initiate a dental CT scanner service shall demonstrate each of the
126 following, as applicable:

127
128 (1) An applicant is proposing a fixed CT scanner service for the sole purpose of generating dental ct
129 images.

130
131 (2) The CT scanner generates a peak power of 5 kilowatts or less as certified by the manufacturer.

132
133 (3) An applicant proposing to initiate a dental CT scanner service shall project an operating level of
134 at least 200 dental CT images per year for the second 12-month period after beginning operation of the
135 dental CT scanner.

136
137 (4) The applicant has demonstrated to the satisfaction of the Department that the person(s) (e.g.,
138 technician, dentist) operating the dental CT scanner has been appropriately trained and/or certified by
139 one of the following groups, as recognized by the Department: a dental radiology program in a certified
140 dental school, an appropriate professional society, or a dental continuing education program accredited
141 by the American Dental Association.

142
143 (5) The applicant has demonstrated to the satisfaction of the Department that the dental ct images
144 generated by the proposed dental CT scanner will be interpreted by a licensed dentist(s) trained and/or
145 certified by one of the following groups, as recognized by the Department: a dental radiology program in
146 a certified dental school, an appropriate professional society, or a dental continuing education program
147 accredited by the American Dental Association.

148
149 **Section 5. Requirements to expand a CT scanner service**

150
151 Sec. 5. (1) If an applicant proposes to expand a fixed CT scanner service, the applicant shall
152 demonstrate each of the following:

153 (a) The applicant shall project an average operating level of at least 7,500 CT equivalents for each
154 fixed CT scanner, existing and proposed, operated by the applicant for the second 12-month period after
155 initiation of operation of each additional CT scanner.

156 (b) All of the applicant's fixed CT scanners have performed an average of at least 10,000 CT
157 equivalents per fixed CT scanner for the most recent continuous 12-month period preceding the
158 applicant's request. In computing this average, the Department will divide the total number of CT
159 equivalents performed by the applicant's total number of fixed CT scanners, including both operational

and approved but not operational fixed CT scanners.

(2) If an applicant proposes to expand a mobile CT scanner service, the applicant shall demonstrate each of the following:

(a) The applicant shall project an operating level of at least 4,000 CT equivalents for each existing and proposed mobile CT scanner for the second 12-month period after beginning operation of each additional CT scanner.

(b) All of the applicant's mobile CT scanners have performed an average of at least 5,500 CT equivalents per mobile CT scanner for the most recent continuous 12-month period preceding the applicant's request. In computing this average, the Department will divide the total number of CT equivalents performed by the applicant's total number of mobile CT scanners, including both operational and approved but not operational mobile CT scanners.

Section 6. Requirements for applications proposing to replace/upgrade a CT scanner

Sec. 6. In order to be approved, an applicant proposing to replace/upgrade an existing CT scanner shall demonstrate each of the following, as applicable:

(1) A hospital proposing to replace/upgrade an existing CT scanner which is the only fixed CT scanner operated at that site by the hospital shall demonstrate each of the following:

(a) The proposed site is a hospital licensed under Part 215 of the Code.

(b) The hospital operates an emergency room that provides 24-hour emergency care services as authorized by the local medical control authority to receive ambulance runs.

(c) The replacement CT scanner will be located at the same site as the CT scanner to be replaced.

(2) An applicant, other than an applicant meeting all of the applicable requirements of subsection (1), proposing to replace/upgrade an existing fixed CT scanner shall demonstrate that the volume of CT equivalents, during the 12-month period immediately preceding the date of the application, performed by the CT scanner to be replaced/upgraded was at least 7,500 CT equivalents if the applicant operates only one fixed CT scanner, or an average of 7,500 CT equivalents for each fixed CT scanner if the applicant operates more than one fixed CT scanner at the same site.

(3) An applicant proposing to replace/upgrade an existing mobile CT scanner(s) shall demonstrate that the volume of CT equivalents, during the 12-month period immediately preceding the date of the application, performed by the CT scanner to be replaced/upgraded was at least 3,500 CT equivalents if the applicant operates only one mobile CT scanner or an average of 5,500 CT equivalents for each CT scanner if the applicant operates more than one mobile CT scanner for the same mobile CT scanner network.

(4) An applicant under this section shall demonstrate that the CT scanner(s) proposed to be replaced/upgraded is fully depreciated according to generally accepted accounting principles, or, that the existing equipment clearly poses a threat to the safety of the public, or, that the proposed replacement/upgraded CT scanner offers technological improvements which enhance quality of care, increase efficiency, and/or reduce operating costs and patient charges.

Section 7. Requirements for approval for applicants proposing to relocate an existing CT scanner service

Sec. 7. An applicant proposing to relocate its existing CT scanner service and its unit(s) shall demonstrate that the proposed project meets all of the following:

(1) The CT scanner service and its unit(s) to be relocated is a fixed CT scanner unit(s).

(2) The CT scanner service to be relocated has been in operation for at least 36 months as of the

213 date an application is submitted to the Department.

214
215 (3) The proposed project will not result in the replacement of the CT scanner unit(s) of the service to
216 be relocated unless the applicant demonstrates that the requirements of Section 6, as applicable, also
217 have been met.

218
219 (4) The proposed project will not result in an increase in the number of fixed unit(s) being operated
220 by the CT scanner service that is proposed to be relocated.

221
222 (5) The proposed site to which the CT scanner service is proposed to be relocated is in the
223 relocation zone.

224
225 (6) The CT scanner service and its unit(s) to be relocated performed at least an average of 7,500 CT
226 equivalents per fixed unit in the most recent 12-month period, or most recent annualized 6-month period,
227 for which the Department has verifiable data.

228
229 (7) The applicant agrees to operate the CT scanner service and its unit(s) in accordance with all
230 applicable project delivery requirements set forth in Section 11 of these standards.

231
232 **Section 8. Requirements for approval for applicants proposing to acquire an existing CT scanner**
233 **service and its unit(s)**

234
235 Sec. 8. An applicant proposing to acquire an existing fixed or mobile CT scanner service and its unit(s)
236 shall demonstrate that a proposed project meets all of the following:

237
238 (1) The project will not result in the replacement of the CT scanner unit at the CT scanner service to
239 be acquired unless the applicant demonstrates that the requirements of Section 6, as applicable, also
240 have been met.

241
242 (2) The project will not result in a change in the site at which the existing CT scanner service and its
243 unit(s) is operated unless the proposed project meets the requirements of Section 7.

244
245 (3) The project will not change the number of CT scanner unit(s) at the site of the CT scanner
246 service being acquired unless the applicant demonstrates that project is in compliance with the
247 requirements of Section 5 as applicable.

248
249 (4) For an application for the proposed first acquisition of an existing fixed or mobile CT scanner
250 service, for which a final decision has not been issued after the effective date of these standards, an
251 existing CT scanner service to be acquired shall not be required to be in compliance with the volume
252 requirement applicable to the seller/lessor on the date the acquisition occurs. The CT scanner service
253 and its unit(s) shall be operating at the applicable volume requirements set forth in Section 13 of these
254 standards in the second 12 months after the date the service and its unit(s) is acquired, and annually
255 thereafter.

256
257 (5) For any application for proposed acquisition of an existing fixed or mobile CT scanner service,
258 except the first application approved pursuant to subsection (4), for which a final decision has not been
259 issued after the effective date of these standards, an applicant shall be required to demonstrate that the
260 CT scanner service and its unit(s) to be acquired performed at least 7,500 CT equivalents in the most
261 recent 12-month period, or most recent annualized 6-month period, for which the Department has
262 verifiable data.

266 **Section 9. Requirements for approval of a PET/CT hybrid for initiation, expansion, replacement,**
267 **and acquisition**
268

269 Sec. 9. An applicant proposing to initiate, expand, replace, or acquire a PET/CT hybrid shall
270 demonstrate that it meets all of the following:
271

272 (1) There is an approved PET CON for the PET/CT hybrid, and the PET/CT hybrid is in compliance
273 with all applicable project delivery requirements as set forth in the CON review standards for PET.
274

275 (2) The applicant agrees to operate the PET/CT hybrid in accordance with all applicable project
276 delivery requirements set forth in Section 13 of these standards.
277

278 (3) The approved PET/CT hybrid will not be subject to CT volume requirements.
279

280 (4) A PET/CT scanner hybrid approved under the CON Review Standards for PET Scanner Services
281 and the Review Standards for CT Scanner Services may not utilize CT procedures performed on a hybrid
282 unit to demonstrate need or to satisfy CT CON review standards requirements.
283

284 **Section 10. Additional requirements for approval of a mobile CT scanner service**
285

286 Sec. 10. (1) An applicant proposing to initiate a mobile CT scanner service in Michigan shall
287 demonstrate that it meets all of the following:
288

288 (a) A separate CON application shall be submitted by the central service coordinator and each
289 Michigan host facility.
290

290 (b) The normal route schedule, the procedures for handling emergency situations, and copies of all
291 potential contracts related to the mobile CT scanner service shall be included in the CON application
292 submitted by the central service coordinator.
293

293 (c) The requirements of sections 3, 5, or 6, as applicable, have been met.
294

295 (2) An applicant proposing to become a host facility on an existing mobile CT scanner network shall
296 demonstrate that it meets all of the following:
297

297 (a) Approval of the application will not result in an increase in the number of operating mobile CT
298 scanners for the mobile CT scanner network unless the requirements of Section 5 have been met.
299

299 (b) A separate CON application has been filed for each host facility.
300

301 (3) An applicant proposing to replace a central service coordinator on an existing mobile CT scanner
302 network shall demonstrate that approval of the application will not replace the CT scanner and
303 transporting equipment unless the applicable requirements of Section 6 have been met.
304

305 **Section 11. Requirements for approval of an applicant proposing a CT scanner used for the sole**
306 **purpose of generating dental CT images exclusively for research**
307

308 Sec. 11. (1) An applicant proposing a CT scanner used for the sole purpose of generating dental CT
309 images exclusively for research shall demonstrate each of the following:
310

310 (a) The applicant operates a dental radiology program in a certified dental school.
311

311 (b) The research dental CT scanner shall operate under a protocol approved by the applicant's
312 institutional review board.
313

313 (c) The applicant agrees to operate the research dental CT scanner in accordance with the terms
314 of approval in Section 13(4).
315

316 (2) An applicant meeting the requirements of subsection (1) shall also demonstrate compliance
317 with the requirements of sections 4(2), 4(4) and 4(5).
318

319 **Section 12. Requirements for approval -- all applicants**

320
321 Sec. 12. An applicant shall provide verification of Medicaid participation at the time the application is
322 submitted to the Department. If the required documentation is not submitted with the application on the
323 designated application date, the application will be deemed filed on the first applicable designated
324 application date after all required documentation is received by the Department.
325

326 **Section 13. Project delivery requirements--terms of approval for all applicants**

327
328 Sec. 13. (1) An applicant shall agree that, if approved, the services provided by the CT scanner(s)
329 shall be delivered in compliance with the following terms of CON approval:

- 330 (a) Compliance with these standards
331 (b) Compliance with applicable safety and operating standards
332 (c) Compliance with the following quality assurance standards:
333 (i) The approved CT scanners shall be operating at the applicable required volumes within the time
334 periods specified in these standards, and annually thereafter.
335 (ii) The applicant shall establish a mechanism to assure that the CT scanner facility is staffed so
336 that:

337 (A) The screening of requests for CT procedures and interpretation of CT procedures will be
338 performed by physicians with training and experience in the appropriate diagnostic use and interpretation
339 of cross-sectional images of the anatomical region(s) to be examined, and

340 (B) The CT scanner is operated by physicians and/or is operated by radiological technologists
341 qualified by training and experience to operate the CT scanner safely and effectively.

342 For purposes of evaluating (ii)(A), the Department shall consider it prima facie evidence of a
343 satisfactory assurance mechanism as to screening and interpretation if the applicant requires the
344 screening of requests for and interpretations of CT procedures to be performed by physicians who are
345 board certified or eligible in radiology or are neurologists or other specialists trained in cross-sectional
346 imaging of a specific organ system. For purposes of evaluating (ii)(B) the Department shall consider it
347 prima facie evidence of a satisfactory assurance mechanism as to the operation of a CT scanner if the
348 applicant requires the CT scanner to be operated by a physician or by a technologist registered by the
349 American Registry of Radiological Technologists (ARRT) or the American Registry of Clinical
350 Radiography Technologists (ARCRT). However, the applicant may submit and the Department may
351 accept other evidence that the applicant has established a mechanism to assure that the CT scanner
352 facility is appropriately and adequately staffed as to screening, interpretation, and/or operation of a CT
353 scanner.

354 (iii) The applicant shall employ or contract with a radiation physicist to review the quality and safety of
355 the operation of the CT scanner.

356 (iv) The applicant shall assure that at least one of the physicians responsible for the screening and
357 interpretation as defined in subsection (ii)(A) will be in the CT facility or available on a 24-hour basis
358 (either on-site or through telecommunication capabilities) to make the final interpretation.

359 (v) In the case of an urgent or emergency CT scan, the applicant shall assure that a physician so
360 authorized by the applicant to interpret initial scans will be on-site or available through telecommunication
361 capabilities within 1 hour following completion of the scanning procedure to render an initial interpretation
362 of the scan. A final interpretation shall be rendered by a physician so authorized under subsection (ii)(A)
363 within 24 hours.

364 (vi) The applicant shall have, within the CT scanner facility, equipment and supplies to handle clinical
365 emergencies that might occur within the CT unit, with CT facility staff trained in CPR and other
366 appropriate emergency interventions, and a physician on site in or immediately available to the CT
367 scanner at all times when patients are undergoing scans.

368 (vii) Fixed CT scanner services at each facility shall be made available 24 hours a day for emergency
369 patients.

370 (viii) The applicant shall accept referrals for CT scanner services from all appropriately licensed
371 practitioners.

(ix) The applicant shall establish and maintain: (a) a standing medical staff and governing body (or its equivalent) requirement that provides for the medical and administrative control of the ordering and utilization of CT patient procedures, and (b) a formal program of utilization review and quality assurance. These responsibilities may be assigned to an existing body of the applicant, as appropriate.

(x) The applicant, to assure that the CT scanner will be utilized by all segments of the Michigan population, shall:

(A) not deny CT scanner services to any individual based on ability to pay or source of payment;

(B) provide CT scanning services to any individual based on the clinical indications of need for the service; and

(C) maintain information by payor and non-paying sources to indicate the volume of care from each source provided annually.

Compliance with selective contracting requirements shall not be construed as a violation of this term.

(xi) The applicant shall participate in a data collection network established and administered by the Department or its designee. The data may include, but is not limited to, annual budget and cost information, operating schedules, through-put schedules, demographic and diagnostic information, the volume of care provided to patients from all payor sources, and other data requested by the Department, and approved by the Commission. The applicant shall provide the required data on a separate basis for each separate and distinct site or unit as required by the Department; in a format established by the Department; and in a mutually agreed upon media. The Department may elect to verify the data through on-site review of appropriate records.

(xii) Equipment to be replaced shall be removed from service.

(xiii) The applicant shall provide the Department with a notice stating the date the approved CT scanner service and its unit(s) is placed in operation and such notice shall be submitted to the Department consistent with applicable statute and promulgated rules.

(xiv) An applicant shall participate in Medicaid at least 12 consecutive months within the first two years of operation and continue to participate annually thereafter.

(d) An applicant approved under Section 4 shall not be required to be in compliance with subsection (c) but shall be in compliance with the following quality assurance standards:

(i) The CT scanner shall be operating at least 200 CT equivalents per year for the second 12-month period after beginning operation of the dental CT scanner and annually thereafter.

(ii) The CT scanner will be used for the sole purpose of dental CT images.

(iii) The applicant shall demonstrate to the satisfaction of the Department that the person(s) (e.g., technician, dentist) operating the dental CT scanner has been appropriately trained and/or certified by one of the following groups, as recognized by the Department: a dental radiology program in a certified dental school, an appropriate professional society, or a dental continuing education program accredited by the American Dental Association.

(iv) The applicant shall demonstrate to the satisfaction of the Department that the dental CT images generated by the dental CT scanner will be interpreted by a licensed dentist(s) trained and/or certified by one of the following groups, as recognized by the Department: a dental radiology program in a certified dental school, an appropriate professional society, or a dental continuing education program accredited by the American Dental Association.

(v) The applicant shall demonstrate to the satisfaction of the Department that the dentists using the dental CT images for performing dental procedures has had the appropriate training and/or experience certified by one of the following groups, as recognized by the Department: a dental radiology program in a certified dental school, an appropriate professional society, or a dental continuing education program accredited by the American Dental Association.

(vi) The applicant, to assure that the dental CT scanner will be utilized by all segments of the Michigan population, shall:

(a) not deny dental CT scanner services to any individual based on ability to pay or source of payment;

(b) provide dental CT scanning services to any individual based on the clinical indications of need for the service; and

(c) maintain information by payor and non-paying sources to indicate the volume of care from each source provided annually. Compliance with selective contracting requirements shall not be construed as a violation of this term.

(vii) The applicant shall participate in a data collection network established and administered by the Department or its designee. The data may include, but is not limited to, annual budget and cost information, operating schedules, through-put schedules, demographic and diagnostic information, the volume of care provided to patients from all payor sources, and other data requested by the Department, and approved by the Commission. The applicant shall provide the required data on a separate basis for each separate and distinct site or unit as required by the Department; in a format established by the Department; and in a mutually agreed upon media. The Department may elect to verify the data through on-site review of appropriate records.

(viii) Equipment to be replaced shall be removed from service.

(ix) The applicant shall provide the Department with a notice stating the date the approved dental CT scanner service and its unit(s) is placed in operation and such notice shall be submitted to the Department consistent with applicable statute and promulgated rules.

(x) An applicant shall participate in Medicaid at least 12 consecutive months within the first two years of operation and continue to participate annually thereafter.

(2) The agreements and assurances required by this section shall be in the form of a certification authorized by the governing body of the applicant or its authorized agent.

(3) The operation of and referral of patients to the CT scanner shall be in conformance with 1978 PA 368, Sec. 16221, as amended by 1986 PA 319; MCL 333.16221; MSA 14.15 (16221).

(4) An applicant for a CT scanner used for dental research under Section 11(1) shall agree that the services provided by the CT scanner approved pursuant to Section 11(1) shall be delivered in compliance with the following terms of CON approval:

(a) The capital and operating costs relating to the CT scanner used for dental research pursuant to section 11(1) shall be charged only to a specific research account(s) and not to any patient or third-party payor.

(b) The CT scanner used for dental research approved pursuant to section 11(1) shall not be used for any purposes other than as approved by the institutional review board unless the applicant has obtained CON approval for the CT scanner pursuant to part 222 and these standards, other than section 11.

Section 14. Project delivery requirements - additional terms of approval for applicants involving mobile CT scanners

Sec. 14. (1) In addition to the provisions of Section 13, an applicant for a mobile CT scanner shall agree that the services provided by the mobile CT scanner(s) shall be delivered in compliance with the following terms of CON approval:

(a) A host facility shall submit only one CON application for a CT scanner for review at any given time.

(b) A mobile CT scanner with an approved CON shall notify the Michigan Department of Community Health prior to ending service with an existing host facility.

(c) A CON shall be required to add a host facility.

(d) A CON shall be required to change the central service coordinator.

(e) Each host facility must have at least one board certified or board eligible radiologist on its medical staff. The radiologist(s) shall be responsible for: (i) establishing patient examination and infusion protocol, and (ii) providing for the interpretation of scans performed by the mobile CT scanner.

(f) Each mobile CT scanner service must have an Operations Committee with members representing each host facility, the central service coordinator, and the central service medical director. This committee shall oversee the effective and efficient use of the CT scanner, establish the normal route

schedule, identify the process by which changes are to be made to the schedule, develop procedures for handling emergency situations, and review the ongoing operations of the mobile CT scanner on at least a quarterly basis.

(g) The central service coordinator shall arrange for emergency repair services to be available 24 hours each day for the mobile CT scanner equipment as well as the vehicle transporting the equipment. In addition, to preserve image quality and minimize CT scanner downtime, calibration checks shall be performed on the CT scanner unit at least once each work day and routine maintenance services shall be provided on a regularly scheduled basis, at least once a week during hours not normally used for patient procedures.

(h) Each host facility must provide a properly prepared parking pad for the mobile CT scanner unit of sufficient load-bearing capacity to support the vehicle, a waiting area for patients, and a means for patients to enter the vehicle without going outside (such as a canopy or enclosed corridor). Each host facility must also provide the capability for processing the film and maintaining the confidentiality of patient records. A communication system must be provided between the mobile vehicle and each host facility to provide for immediate notification of emergency medical situations.

(i) A mobile CT scanner service shall operate under a contractual agreement that includes the provision of CT services at each host facility on a regularly scheduled basis.

(j) The volume of utilization at each host facility shall be reported to the Department by the central service coordinator under the terms of Section 13(1)(c)(xi).

(2) The agreements and assurances required by this section shall be in the form of a certification authorized by the owner or the governing body of the applicant or its authorized agent.

Section 15. Determination of CT Equivalents

Sec. 15. For purposes of these standards, CT equivalents shall be calculated as follows:

(a) Each billable procedure for the time period specified in the applicable section(s) of these standards shall be assigned to a category set forth in Table 1.

(b) The number of billable procedures for each category in the time period specified in the applicable section(s) of these standards shall be multiplied by the corresponding conversion factor in Table 1 to determine the number of CT equivalents for that category for that time period.

(c) The number of CT equivalents for each category shall be summed to determine the total CT equivalents for the time period specified in the applicable section(s) of these standards.

Table 1	Number of Billable CT Procedures		Conversion Factor		CT Equivalents
Category					
Head Scans w/o Contrast (includes dental CT images)	_____	X	1.00	=	_____
Head Scans with Contrast	_____	X	1.25	=	_____
Head Scans w/o & w Contrast	_____	X	1.75	=	_____
Body Scans w/o Contrast	_____	X	1.50	=	_____
Body Scans with Contrast	_____	X	1.75	=	_____
Body Scans w/o & w Contrast	_____	X	2.75	=	_____
TOTAL CT EQUIVALENTS					_____

Section 16. Documentation of projections

Sec. 16. (1) An applicant required to project volumes of service under sections 3 and 5 shall specify how the volume projections were developed. This specification of projections shall include a description of the data source(s) used, assessments of the accuracy of these data, and the statistical method used to make the projections. Based on this documentation the Department shall determine whether the

530 projections are reasonable.

531
532 (2) An applicant required to project volumes of service under Section 4 shall demonstrate that the
533 projection is based on a combination of the following for the most recent 12-month period immediately
534 preceding the date of the application:

535 (a) the number of dental procedures performed by the applicant, and

536 (b) the number of committed dental procedures performed by referring licensed dentists.

537
538 (3) The applicant and the referring licensed dentists shall substantiate the numbers in subsection (2)
539 through the submission of HIPAA compliant billing records.

540
541 **Section 17. Effect on prior CON review standards; comparative reviews**

542
543 Sec. 17. (1) These CON review standards supersede and replace the CON Review Standards for
544 Computed Tomography Scanner Services approved by the CON Commission on ~~March 9,~~
545 ~~2004~~ SEPTEMBER 19, 2006 and effective ~~June 4, 2004~~ DECEMBER 27, 2006.

546
547 (2) Projects reviewed under these standards shall not be subject to comparative review.

**CON REVIEW STANDARDS
FOR CT SCANNER SERVICES**

Rural Michigan counties are as follows:

Alcona	Hillsdale	Ogemaw
Alger	Huron	Ontonagon
Antrim	Iosco	Osceola
Arenac	Iron	Oscoda
Baraga	Lake	Otsego
Charlevoix	Luce	Presque Isle
Cheboygan	Mackinac	Roscommon
Clare	Manistee	Sanilac
Crawford	Mason	Schoolcraft
Emmet	Montcalm	Tuscola
Gladwin	Montmorency	
Gogebic	Oceana	

Micropolitan statistical area Michigan counties are as follows:

Allegan	Gratiot	Mecosta
Alpena	Houghton	Menominee
Benzie	Isabella	Midland
Branch	Kalkaska	Missaukee
Chippewa	Keweenaw	St. Joseph
Delta	Leelanau	Shiawassee
Dickinson	Lenawee	Wexford
Grand Traverse	Marquette	

Metropolitan statistical area Michigan counties are as follows:

Barry	Ionia	Newaygo
Bay	Jackson	Oakland
Berrien	Kalamazoo	Ottawa
Calhoun	Kent	Saginaw
Cass	Lapeer	St. Clair
Clinton	Livingston	Van Buren
Eaton	Macomb	Washtenaw
Genesee	Monroe	Wayne
Ingham	Muskegon	

Source:

65 F.R., p. 82238 (December 27, 2000)

Statistical Policy Office

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